



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### ORC4L (Human) Recombinant Protein (P01)

**Catalog Number:** H00005000-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human ORC4L full-length ORF (AAH05388, 1 a.a. - 248 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

```
MSSRKSNSLIHTECLSQVQRILRERFCRQSPHSNLF
GVQVQYKHLSELLKRTALHGESNSVLIIGPRGSGKTML
ISHALKELMEIEEVSENVLQVHLNGLLQINDKIALKEITR
QLNLENVVGDKVFSGFAENLSFLEALKKGDRTSSCP
VIFILDEFDLFAHKNQTLTYNLFDISQSAQTPIAVIGLT
CRLDILELLEKRVKSRFQSHRQIHLMNSFGFPQYVKIFKE
QLSLPAEFPDKVFAEK
```

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 53.02

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 5000

**Gene Symbol:** ORC4L

**Gene Alias:** ORC4, ORC4P

**Gene Summary:** The origin recognition complex (ORC)

is a highly conserved six subunit protein complex essential for the initiation of the DNA replication in eukaryotic cells. Studies in yeast demonstrated that ORC binds specifically to origins of replication and serves as a platform for the assembly of additional initiation factors such as Cdc6 and Mcm proteins. The protein encoded by this gene is a subunit of the ORC complex. It has been shown to form a core complex with ORC2L, -3L, and -5L. Three alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq]